

WHAT IS CLAIMED IS:

1. An exposure device comprising:

a light emitting section which emit a laser beam based on an image signal;

5 a deflecting/scanning section which deflect the laser beam emitted from the light emitting section toward a main scanning direction and scanning, with the exposure light, an image carrier moved in a sub-scanning direction to form a latent image on the image carrier;

10 an optical member which conduct the laser beam deflected by the deflecting/scanning section to the image carrier; and

15 a rotation shaft located on an axis passing through a narrower linear exposure light spot illuminated on the image carrier by the laser beam conducted through the optical member, wherein

the tilt of the exposure light spot relative to the image carrier is corrected by rotating the device about the rotation shaft.

20 2. An exposure device according to claim 1, further comprising a housing wherein the light emitting section, deflecting/scanning section and optical member are held in a mutually positioned relation and the rotation shaft is provided on the housing.

25 3. An exposure device according to claims 1 and 2, wherein the rotation shaft is provided on an axis

passing through a middle of the linear exposure light spot along the main scanning direction.

4. An image forming apparatus comprising:

an image carrier moved in a sub-scanning

5 direction;

an exposure device which scan, with the exposure light, the image carrier along a main scanning direction to form a latent image on the image carrier;

10 a developing unit which supply a toner to the latent image to effect development;

a transfer unit which transfer a resultant toner image to a sheet; and

15 a fixing device which fix the transferred toner image to the sheet, wherein

the exposure device comprises

a light emitting section which emit a laser beam based on an image signal;

20 a deflecting/scanning section which deflect the laser beam emitted from the light emitting section toward the main scanning direction and scanning, with the exposure light, the image carrier to form a latent image on the image carrier;

25 an optical member which conduct the laser beam defected by the deflecting/scanning section to the image carrier; and

a rotation shaft located on an axis passing through a narrower linear exposure light spot

illuminated on the image carrier by the laser beam  
conducted through the optical member, wherein

the tilt of the exposure light spot relative to  
the image carrier is corrected by rotating the device  
5 about the rotation shaft.

5. An image forming apparatus according to  
claim 4, wherein the exposure device further comprises  
a housing which holds the light emitting section,  
deflecting/scanning section and optical system in  
10 a mutually positioned relation and said rotation shaft  
is provided on the housing.

6. An image forming apparatus according to  
claims 4 and 5, wherein said rotation shaft is provided  
on an axis passing through a middle of the linear  
15 exposure light spot along the main scanning direction.